

Sales & Service Network



Scale Users Guide

ISHTAA SCALES INC., INDIA

www.ishtaascales.com

INTRODUCTION:***Welcome to Ishtaa Scales***

Congratulations on your purchase of ISHTAA Electronic Weighing Scales. You have chosen Right Brand to weigh your materials accurately always.

Every care has been taken during manufacturing to get better accuracy always.

UNPACKING

Unpack the scale carefully and save the packing materials for future transportation use if required. Confirm the contents of the packing as per your order.

INSTALLATION REQUIREMENTS

For obtain better results, we recommend that the scale should be kept in the following conditions.

1. *Stable Solid working Surface*
2. *Not subject to Vibration*
3. *Not in Excess Moisture Area*
4. *Dust Free*
5. *Not Exposed to Heat and Radiation*
6. *Away from Magnetic Interferences*
7. *Any other environmental features that may affect the accuracy of the scale.*
8. *Temperature range between 0-45c degree*
9. *Stable Power supply*

INSTALLATION:

By adjusting the four legs keep the scale in perfect horizontal position. It is adjusted perfectly, when the bubble indicator is in the center of the circle. Remove the Transport lock from bottom of the machine. (Platform scale only) Place the weighing pan on the scale. Make sure that the Weighing pan surface does not touch any other object or cabinet.

If scale is with second display, fix the display in to connector provided in the back side of the scale.

If scale is with RS232 interface, fix the cable in to connector provided in the back side of the scale.

Plug the AC power cord to AC power socket and switch ON.

Switch ON the scale. Make sure that the weighing pan is empty before Switching ON.

Scale will do self test (0 to 9) and come to "0" and its ready to use now.

GENERAL CARE TO GET ACCURATE RESULT

- a. *In order to get the precision results, its better to switch on the scale 15 minutes before use.*
- b. *Always keep the scale in stable solid surface.*

WARRANTY CERTIFICATE

Customer Name: _____

Phone: _____ Mobile: _____

Date of Purchase: _____ Invoice/DC No: _____

Model: _____ Sl.No: _____

Dealers/Agent Name : _____

The manufacturer warrants all products shipped from India against defects in MATERIAL and WORKMANSHIP for a period of One (1) year for standard line of products. All OEM and custom built orders carry (1) year warranty for MATERIAL and WORKMANSHIP. Warranty will not be applicable for Battery and adaptors. Normal wear and tear, injury by natural forces, user neglect and purposeful destruction are NOT covered by this warranty. Technical Service MUST be performed by authorized staff or factory authorized personnel. Manufacturer's obligation is limited to replacement of parts that have been so returned and are disclosed to Manufacturer's satisfaction to be defective. The provisions of these warranty clauses are lieu of all other warranties, expressed or implied, and of all obligations or liability in connection with sale of said articles. ISHTAA makes no warranty of merchantability or fitness for a particular purpose. By accepting the goods, the buyer acknowledges that the buyer has determined that the goods are suitable for the buyer's purposes. In no event shall the Manufacturer be liable for any subsequential or special damages. Any misuse, improper installation or tampering shall VOID this warranty.

Product that is malfunctioning within the 1-year warranty period for scale line and 1-year warranty period for OEM products may be returned to Manufacturer for Warranty Evaluation at the customer's expense. Manufacturer reserves the right to repair OR replace the components free of charge as may qualify under this warranty.

REMAINDER!! WARRANTY DOES NOT COVER USER DAMAGE AND ABUSE. In addition to a listing of the repairs covered under warranty, if any, the customer will be billed accordingly for all parts and labour associated with any NON-WARRANTY repairs made to the product.

PIECE COUNTING:

This function will work only if count mode is enabled. Ensure that display shows .000. Place a pre counted quantity on the scale and press <PCS> key. The 1st Display from the left side shows c and xxxx. Enter the physically counted value by selecting through <SMPL> and <Z/T> keys and press <PCS> key. Now the machine will start showing the counting. Now if we press <PCS> it will display the weight of the counted item. By pressing again it will ask for entry of physically counted new quantity of new item. Pressing the mode key 3rd time will show the counting of old item.

AUTO OFF FUNCTION

The scale goes off automatically under 2 conditions.

1. When battery is about to discharge, the scale starts showing LO BAT approx. one hour before it goes fully discharged. When the battery discharges fully, the scale goes off automatically.

If the scale is not in use, it goes in standby mode after the programmed period. The scale goes automatically off if it remains unused for more than programmed Auto off time.

- c. Gently place the weights on weighing pan and weight should not be more than the scale capacity.
- d. Do not allow the weight to remain on the scale for long time than the time required for weighing.
- e. The scale is programmed for 9e steps plus scale capacity before it Indicates overload.
- f. Scale is fitted with a 6v/4.5AH battery, if the scale is operating on battery power, Ac ON LED will be OFF. Battery will give backup time up to 25 hours depending on LED glow settings and sleep mode setting.
When the Low Battery LED Glows, the scale will be automatically turned OFF after 30 minutes to safe the battery from deep discharging. Connect the AC power cord and charge the battery.
- g. Battery must be used once in a week for long term better performance.
- h. Use always your fingers to operate the keys.
- i. The scale should be cleaned regularly with a soft cloth or brush. Mild cleaning agent should be used to remove the dirt and stubborn grime. Never place and handle the scale in wet condition.
- j. Spillage during weighing process should be removed immediately.
- k. Never hit the pan and overload the scale.
- l. The scale should be cleaned in its normal condition. The load cell may get damaged if the scale is tilted on its side or is kept upside down.

KEYS & CONTROLS

The scale has total 4 keys, details as given below:-

ZERO/TARE KEY: Sets the display to 00.000 in normal weighing and works as ENTER key in programming mode.

SMPL KEY: In normal use this key is used to recall (to display total quantity) the memory. In programming mode, use this key used to shift the cursor towards right. In other means to select the next digit towards right.

MODE KEY: In normal use, this key saves the weight/count in the memory when pressed first time. Adds the current weight/count in the previously saved quantity in the memory when again pressed. In programming mode, use this key used to scroll the display upwards.

PCS KEY: Used to enter into the programming mode. If scale is programmed in COUNT enable mode, then this key is used to toggle between Weight and Count mode.

PROGRAMMING

To enter in programming mode, put the scale's power off first. While the power is off, keep the <MODE> button pressed and power ON the scale. Now the scale will show <CODE>. Release the key now. The cursor will blink in 3rd display from left. Enter the 4 digit password XXXX by using <SMPL> and <Z/T> keys and press <PCS> key to enter. Now the scale show PROG for approx. 1 sec and then it will jump to .000 confirming that password is correct and the scale is in programming mode.

SCALE FEATURE PROGRAMMING

In programming mode when display shows . .000, press <MODE> and go on pressing <SMPL> and display will show the following program modes:

1. Power (setting of sleep and auto power off enable/disable feature if scale is not in use for more than programmed period.)
2. TMSLP (Time after which scale will go in sleep mode if selected).
3. TM OFF (Time after which scale will go in permanent OFF mode if selected).
4. CAL1 (Calibration 1)
5. CAL2 (Calibration 2)
6. CAL3 (Calibration 3)
7. CAL4 (Calibration 4)
8. CAL RST (Calibration Reset)
9. Bat LOW (Setting of Battery low indication)
10. Bat OFF (Setting of permanent power off where the battery is fully discharged).
11. Litre (Kg/Lt) Conversion
12. Count (count enable / disable setting).
13. Baud rate (Optional – Computer Interface Setting).

Setting of sleep and auto power off enable / disable (POWER):

In programming mode when display shows .000, press <MODE> key. Display will Show POWER. Press <PCS> key. Now select the following sub-programs as per your requirement:-

1. PUSLP : Sleep mode only if scale is not in use.
2. PU OFF : Power off mode only if scale is not in use.
3. SL OFF : Sleep and power off mode if scale is not in use.
4. PUDIS : Neither scale will go in sleep nor in power off.

Select one of the above functions on the display and press <PCS> to Enter.

Setting of sleep Time:

In programming mode when display shows .000, press <MODE> key and then <PCS> to display TM SLP on the display. Press PCS key. Enter the desired time in sec. to program sleep time delay by using <SMPL> and <Z/T> keys and press <PCS> to enter.

Setting of Auto off Time:

In programming mode when display shows .000, press <MODE> key and then go on pressing <MODE> to display <TM OFF> on the display. Press <PCS> key. Enter the desired time in sec. to program Auto-Off time delay by using <SMPL> and <Z/T> keys and press <PCS> to enter.

CALIBRATION PROCEDURE

Please perform the calibration function very carefully. In programming mode, wait till the display shows . .000. If display does not show 0.000 then press <PCS> to set .000. Place the calibration weight on the scale and press <MODE> key and then go on pressing <SMPL> till the display shows <CAL1>. Press <PCS> key to enter into calibration mode. Enter the calibration weight by using <SMPL> and <Z/T> keys and press <PCS> to enter. The scale will display the calibrated weight. Repeat the steps again if you see any error in calibration.

Note: Please never enter into calibration mode without placing calibration weight on the scale. Put the scale off and then on to exit programming mode.

Setting of Battery low indication:

In programming mode, press <MODE> key and then go on pressing <SMPL> to display <BATLOW> on the display. Press <PCS> key. Enter the desired voltage (suggested value close to 5.50) by using <SML> and <Z/T> keys and press <PCS> to enter. Now the scale will show BATLOW when the battery reaches at the programmed voltage. Put the scale off and then on to exit the programming mode.

Setting of power off on discharged battery:

In programming mode, press <MODE> key and then go on pressing <SMPL> to display <BATOFF> on the display. Press <PCS> key. Enter the desired voltage (suggested value close to 5.00) by using <SMPL> and <Z/T> keys and press <PCS> to enter. Now the scale will shut off automatically when the battery reaches at the programmed voltage. Put the scale off and then on to exit from the programming mode.

Count Enable / Disable setting:

In programming mode when display shows . .000, press <MODE> key and then go on pressing <SMPL> to display <Count> on the display. Press <PCS> key. Enter Cnt Di (count disable) to Cnt En (count enable) using <SMPL> and <Z/T> keys and press <PCS> to enter.

NORMAL WEIGHING

1. Empty the scale before turning the power.
2. For accuracy and stability always warm up the scale for at least 30 seconds before weighing.
3. Place the item to be weighed on the center of the platform / pan and read the value on the display.
4. If you need to weigh loose items or anything in a container or tray, use the TARE function. Place the container on the platform and press <ZERO / TARE> key. Ensure "0.00" on the display. The scale is then ready for you to place items onto the tray to be weighed.